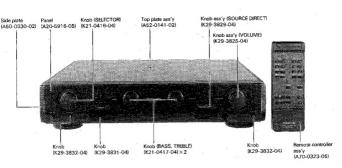
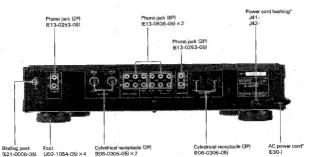
L-1000C SERVICE MANUAL

KENWOOD

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L-1000C

CIRCUIT DESCRIPTION

1. Balance EQ Circuit

Connect two EQ amps (exactly the same circuit) as shown in the figure. With regard to the COLD side input, connect the HOT side NF resistance to the COLD side inversion input.

The HOT side operates in the same manner as in the case of the conventional EQ circuit.

When the HOT side is operated, gate Q7 is

connected virtually.

With regard to the COLD side, voltage, which is applied to gate Q5, is applied to the inversion

The characteristics of this amp gain is obtained by

2. Balance Volume Circuit

This pre amp employs a balance volume circuit. In addition, by combining with variable and GAIN AMP it improves S/N.

When this pre amp is operating or when VRMIN, the NF resistance becomes a maximum of 6.1K and the gain is also reduced at the same time as input is reduced.

GAIN When VRMA =1+
$$\frac{3.16K \times 2}{1.1K}$$

When VRMIN=1+
$$\frac{3.16K \times 2}{6.1K}$$

⇒ 2times(6.0dB)

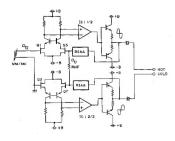
3. Balance to Unbalance Conversion Amp

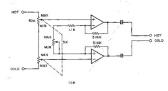
This amp converts the signal transmitted at balance to the unbalance signal. It negates external noise signals generated in phase at the HOT and COLD sides, and extracts the desired signal only.

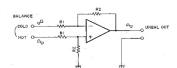
In this per amp, the constant has been set to obtain output voltage, which is ½ that of the input voltage between HOT and COLD.

GAIN=
$$\frac{R_2}{R_1}\frac{R_2}{2R_2}\frac{1}{2}$$

where $R_1=2R_2$ is set







CIRCUIT DESCRIPTION

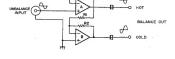
4. Unbalance to Balance Conversion Amp

In this amp the unbalance signal, which is input at the RCA pin, etc., is applied to the noninverting input of the A side amp. As the output and inversion input are directly connected in this amp, it operates as a GAIN=1 buffer amp. and outputs signal to positive phase (HOT).

B side amp grounds noniverting input, and operates as a inversion amp in which NF resistance is set to the same value (R₁=R₂).

When A amp (positive phase) output is input, then the negative-phase output (COLD), which is an inverted phase, is output.

The output voltage of this circuit (between HOT and COLD) is twice as large as the input voltage.



5. Microcomputer TC74HC237AP

Extension

This microcomputer port extension IC is to utilize the microcomputer port effectively. The microcomputer output signal, which is encoded to 3 bits, is decoded to six relay control signals.

	Input				Out	tput		
С	В	Α	Y,	Y,	Ya	Y4	Υs	Ye
		Н	Н					
	Н			Н				
	Н	Н			Н			
Н						Н		
Н		Н					Н	
Н	Н							Н

ENABLE GL=L G₂=L G.=H

All the signals are L besides H.

CIRCUIT DESCRIPTION

Pre Amp Unit (X08-2362-70)

1. EQ Circuit OP Amplifier (IC1, 2)

Two sets of EQ ciruits are used per 1CH as this OP amplifier has balance EQ. The HOT side (noninverting amplifier) is a conventional EQ circuit, and the COLD side (inverting amplifier) receives an NF (feed-back) signal of the HOT side which is added to the inverting input. By doing so, the inverted output can be obtained.

2. Ralance Input Circuit Buffer Amp (IC3, 4)

This becomes an impedance conversion buffer amp when gain is 1.

3. LINE 1 Input Circuit Amp (IC5, 6)

This converts the unbalance signal (the signal which is connected by an RCA pin) to the balance signal. This also serves as an input buffer amp.

4. LINE 2 Input Circuit Amplifier (IC7, 8)

This converts the unbalance signal (the signal which is connected by the RCA pin) to the balance signal. This also serves as an input buffer amplifier.

5. TAPE 1 Input Circuit Amplifier (IC9, 10)

This converts the unbalance signal (this signal which is connected by the RCA pin) to the balance signal. This also serves as an input buffer amplifier.

6. TAPE 2 Input Circuit Amplifier (IC11, 12)

This converts the unbalance signal (the signal which is connected by the RCA pin) to the balance signal. This also serves as an input buffer amplifier.

7. Balance-Unbalance Conversion Amplifier (IC12)

This is a conversion amp to output the balance input signal to the REC OUT Circuit (unbalance signal), and the gain is set to - 6dB.

REC OUT selector analog SWs (IC22-25)

9. Balance-Unbalance Conversion Amp (IC26) This balance-unbalance conversion amp is to output the pre amp output, which is transmitted at balance, to apparatus which has only unbalance input, and the gain is set to - 6dB.

10. Power IC for Relay and Motor IV (IC29) The maker of this VR power IC is limited to

correspond with 15V three terminal tone quantity 11. Power IC for Relay and Motor IV (IC30)

The maker of this VR power IC is limited to correspond with 12V three terminal tone quantity

12. Negative Side Power First OFF Circuit (Q43. This is provided to reduce the power supplied to

each section, especially to reduce the electric potential of the EQ circuit to a fixed value, when power is OFF. 13. Analog SW Control Signal Generation Digital

Transformer for REC OUT Circuit (Q47-52) This converts the level of OV OPEN to - 15V

14. Relay Driver Transistor (Q53-55) This drive relays from the microcomputer output

signal. 15. Zener Diode for Relay Circuit (D43, D47-53)

This stabilizes the surge killer and control

16. REC OUT SW Diode (D62-65) This generates the SOURCE signal.

Tone Unit (X11-2802-70)

1. OP Amp for LCH Line Amp (IC1)

This serves as both the volume buffer amp and the balance output amp.

2. OP Amp for RCH Line Amp (IC2)

This serves as both the volume buffer amp and the balance output amp.

3. Tone Output Buffer OP Amp (IC3)

This serves as an unbalance to balance the conversion output amp of the tone circuit.

4. Input Conversion OP Amp for Tone Circuit (IC11)

This is a balance-unbalance conversion amp for the tone circuit.

μ CON Circuit Regulator IC (IC17)

This is a 5V three-terminal regulator IC for u CON circuit.

6. Transistor Array (IC21, 22)

These are seven element transistor arrays.

7. Power Relay Drive Transistor (Q17)

This drives the relay by the microcomputer signal.

8. Constant-Current Diode (D72-82) This drives a relay drive circuit at a constant

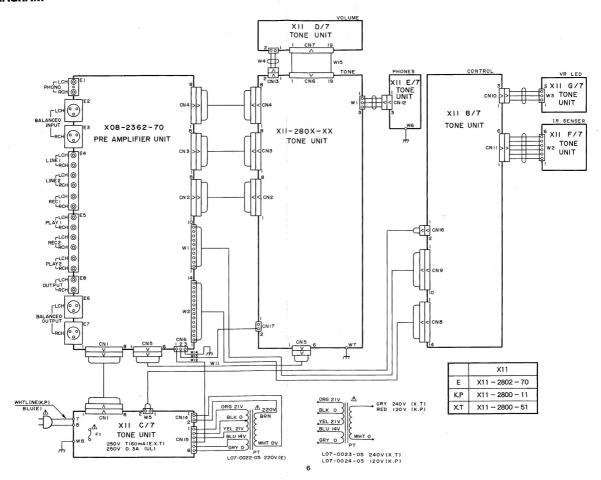
9. Rotary Detector (S6)

This is for the source selector and reselector.

10. Ceramic Resonator (X1)

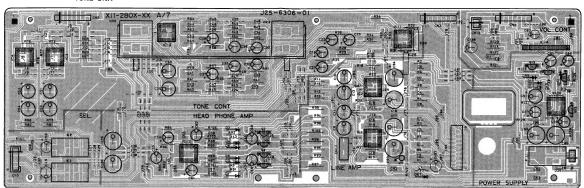
This is a microcomputer clock oscillation element (600KH₂).

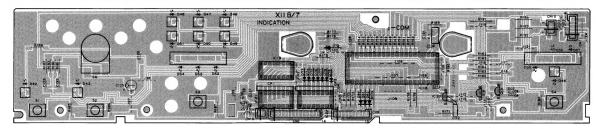
WIRING DIAGRAM

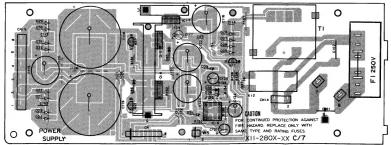


X08-2362-70

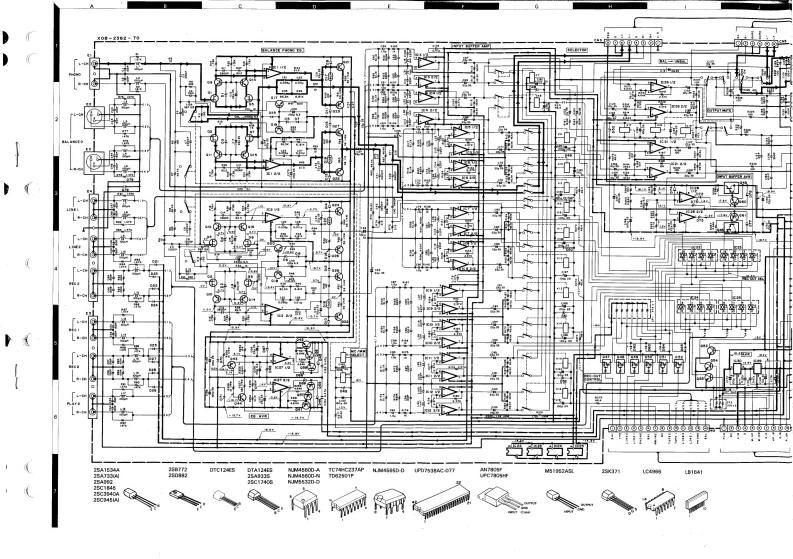
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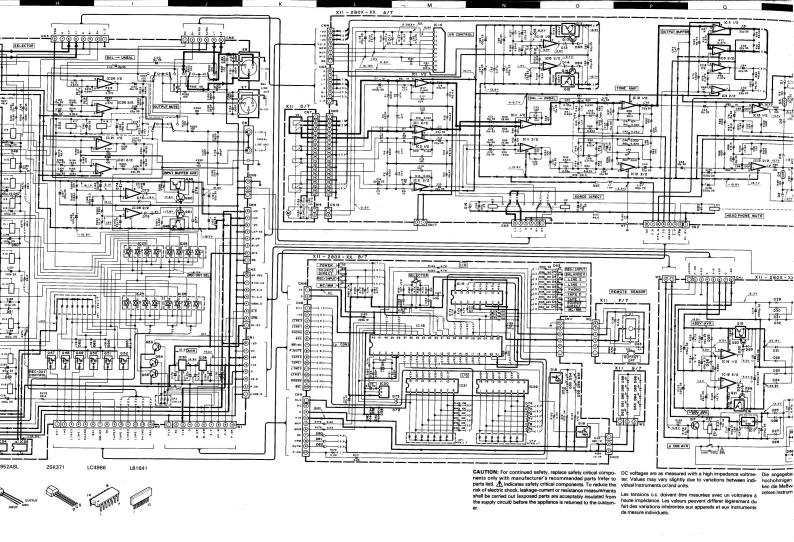


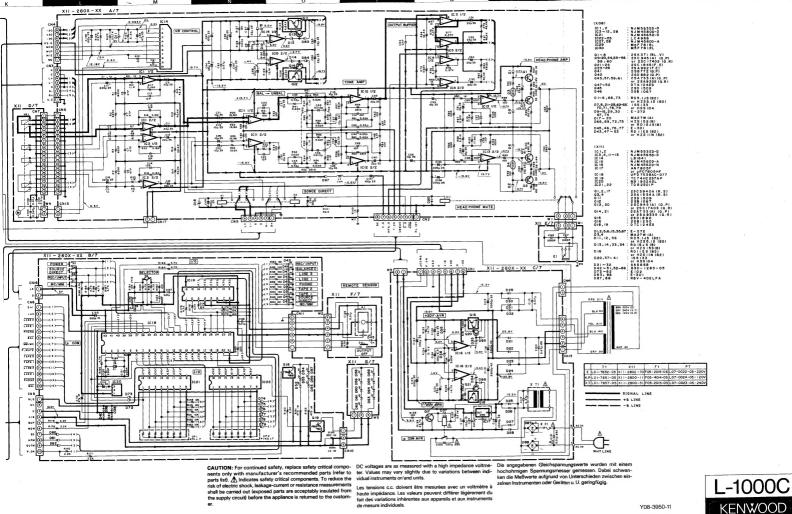






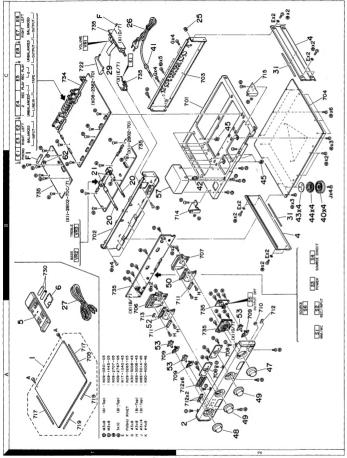






Y08-3950-11

EXPLODED VIEW (UNIT)



Parts with the exploded numbers larger than 700 are not supplied.

PARTS LIST

× New Parts

Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.

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	1 2 4 5 6		1A 2A 2B,2C 1A 1A	* * *	A52-0141-02 A20-5916-05 A50-0336-03 A70-0323-05 A09-0100-08	TOP PLATE ASSY PANEL SIDE PLATE REMOTE CONTROLLER ASSY BATTERY CASE		
	-			*	B46-0092-03 B46-0096-13 B46-0121-03 B46-0122-13 B46-0143-13	WARRANTY CARD WARRANTY CARD WARRANTY CARD WARRANTY CARD WARRANTY CARD	K X P E T	
	-			* *	B50-7810-00 B50-7811-00 B50-7812-00 B58-0803-13	INSTRUCTION MANUAL (ENGLISH) INSTRUCTION MANUAL (FRENCH) INSTRUCTION MANUAL (G,D,I) CAUTION CARD	E	
	20 21		1B 1B	*	D21-1620-04 D22-0068-04	EXTENSION SHAFT SHAFT COUPLING		
*	25 26 26 26 26 26		20 10 10 10 10	*	E21-0006-35 E30-0974-05 E30-1341-05 E30-1416-05 E30-2580-05 E30-2621-05	BINDING POST GND AC POWER CORD AUDIO CORD (L)	KP X T E	
	27 29 31		1A 1C 2B,2C	* *	E30-2600-05 E31-7217-05 E30-2622-05 G10-0155-04	CORD WITH PLUG FLAT CABLE (19P) W15 AUDIO CORD (R) NON-WOVEN FABRIC		
				* *	H01-8685-04 H10-3930-02 H10-3931-12 H25-0232-04 H25-0391-04	ITEM CARTON CASE POLYSTYRENE FOAMED FIXTURE POLYSTYRENE FOAMED FIXTURE PROTECTION BAG (235X350X0.03) PROTECTION BAG		
A	40 41 41 42 43		2B 1C 1C 2B,2C 2B	*	J02-1054-05 J41-0024-15 J42-0083-05 J19-3242-05 J30-0270-04	FOOT POWER CORD BUSHING POWER CORD BUSHING UNIT HOLDER SPACER	E KPXT	
	44 45 -		2B 2C	*	J39-0154-04 J61-0033-05 J61-0307-05	SPACER WIRE BAND WIRE BAND		
	47 48 49 50 52		2A 2A 2A 1B,2B 1A,2A	* * * *	K29-3825-04 K21-0416-04 K21-0417-04 K29-3829-04 K29-3831-04	KNOB ASSY VOLUME KNOB SELECTOR KNOB BASS TREBLE KNOB ASSY SQURCE DIRECT KNOB POWER		
	53		1A,2A	*	K29-3832-04	KNOB		
<u>*</u>	57 57 57 58		18,28 18,28 18,28 28	* * *	L07-0022-05 L07-0023-05 L07-0024-05 L92-0025-05 W01-0359-05	POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER FERRITE CORE HEX WRENCH	E XT KP	
	A B C		1A 2A 2B,2C	*	N09-0301-05 N09-1445-05 N09-2707-05	TAPTITE SCREW (3X8,) SET SCREW (M3X8) DRESSED SCREW		

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Ref. f	No.	Address	New	Parts No.	Description	Desti- nation	Re- marks
参照	断号	位 置	新	部品番号	部品名/規格	仕 向	備考
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1 2 4 5 6		1A 2A 2B,2C 1A 1A	* * * * *	A52-0141-02 A20-5916-05 A50-0336-03 A70-0323-05 A09-0100-08	TOP PLATE ASSY PANEL SIDE PLATE REMOTE CONTROLLER ASSY BATTERY CASE		
-			*	B46-0092-03 B46-0096-13 B46-0121-03 B46-0122-13 B46-0143-13	WARRANTY CARD WARRANTY CARD WARRANTY CARD WARRANTY CARD WARRANTY CARD	K X P E T	
-			* *	B50-7810-00 B50-7811-00 B50-7812-00 B58-0803-13	INSTRUCTION MANUAL (ENGLISH) INSTRUCTION MANUAL (FRENCH) INSTRUCTION MANUAL (G,D,I) CAUTION CARD	E E	
20 21		1B 1B	*	D21-1620-04 D22-0068-04	EXTENSION SHAFT SHAFT COUPLING		
25 26 26 26 26 26		20 10 10 10 10	*	E21-0006-35 E30-0974-05 E30-1341-05 E30-1416-05 E30-2580-05 E30-2621-05	BINDING POST GND AC POWER CORD ALDIO CORD (L)	KP X T E	
27 29 31		1A 1C 2B,2C	* *	E30-2600-05 E31-7217-05 E30-2622-05 G10-0155-04	CORD WITH PLUG FLAT CABLE (19P) W15 AUDIO CORD (R) NON-WOVEN FABRIC		
-			* * *	H01-8685-04 H10-3930-02 H10-3931-12 H25-0232-04 H25-0391-04	ITEM CARTON CASE POLYSTYRENE FOAMED FIXTURE POLYSTYRENE FOAMED FIXTURE PROTECTION BAG (235X350X0.03) PROTECTION BAG		
40 41 41 42 43		2B 1C 1C 2B,2C 2B	*	J02-1054-05 J41-0024-15 J42-0083-05 J19-3242-05 J30-0270-04	FOOT POWER CORD BUSHING POWER CORD BUSHING UNIT HOLDER SPACER	E KPXT	
44 45 -		2B 2C	*	J39-0154-04 J61-0033-05 J61-0307-05	SPACER WIRE BAND WIRE BAND		
47 48 49 50 52		2A 2A 2A 1B,2B 1A,2A	* * * *	K29-3825-04 K21-0416-04 K21-0417-04 K29-3829-04 K29-3831-04	KNOB ASSY VOLUME KNOB SELECTOR KNOB BASS TREBLE KNOB ASSY SOURCE DIRECT KNOB POWER	-	
53		1A,2A	*	K29-3832-04	KNOB		
57 57 57 58		18,28 18,28 18,28 28	* * *	L07-0022-05 L07-0023-05 L07-0024-05 L92-0025-05	POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER FERRITE CORE LEY WIGHEN CHE	E XT KP	
A B C		1A 2A 2B,2C	*	W01-0359-05 N09-0301-05 N09-1445-05 N09-2707-05	HEX WHENCH TAPTITE SCREW (3X8,) SET SCREW (M3X8) DRESSED SCREW		

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Ref. No.	Address	New Parts	Parts No.	De	scription		Desti- nation	Re- mark
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J K	1B,2B		N89-3014-45 N90-4008-46	BINDING HEAD TP HEAD MACH	TAPTITE	SCREW		
	1 20		PREAMPLIFIER					-
C1 ,2 C3 -6 C7 ,8 C9 ,10 C11 -14			CF92FV1H101K CF92FV1H122J CF92FV1H222J C91-0175-05 CF92FV1H332J	MF MF MF POLYSTY MF	100PF 1200PF 2200PF 56PF 3300PF	K J K J		
C15 -18 C19 ,20 C21 -24 C25 -28 C29 ,30		* *	C90-1814-05 CE04KW0J332M CQ93HP2A393G CQ93HP2A113G C90-1792-05	ELECTRO ELECTRO MYLAR MYLAR ELECTRO	22UF 3300UF 0.039UF 0.011UF 100UF	25WV 6.3WV G G 6.3WV		
C31 -34 C35 -38 C39 -42 C43 -58 C59 -62		*	C90-1814-05 C90-1803-05 CF92FV1H392J CF92FV1H151K CF92FV1H105J	ELECTRO ELECTRO MF MF MF	22UF 22UF 3900PF 150PF 1.0UF	25WV 35WV J K J		
C63 -66 C67 -70 C71 ,72 C73 ,74 C75 -78		*	CF92FV1H101K C90-1803-05 CF92FV1H105J CF92FV1H101K C90-1803-05	MF ELECTRO MF MF ELECTRO	100PF 22UF 1.0UF 100PF 22UF	K 35WV J K 35WV		
C79 ,80 C81 ,82 C83 -86 C87 ,88 C89 ,90		*	CF92FV1H105J CF92FV1H101K C90-1803-05 CF92FV1H105J CF92FV1H101K	MF MF BLECTRO MF MF	1.0UF 100PF 22UF 1.0UF 100PF	J K 35₩V J K		
C91 -94 C95 ,96 C97 ,98 C99 -102 C103-106		* *	C90-1803-05 CF92FV1H105J CF92FV1H101K C90-1803-05 C90-1794-05	ELECTRO MF MF ELECTRO ELECTRO	22UF 1.0UF 100PF 22UF 10UF	35WV J K 35WV 35WV		
C107,108 C109-120 C121-124 C125,126 C127-130	,	* *	C90-1803-05 CF92FV1H221K C90-1794-05 C90-1803-05 CF92FV1H391K	ELECTRO MF ELECTRO ELECTRO MF	22UF 220PF 10UF 22UF 390PF	35WV K 35WV 35WV K	-	
C131-134 C135,136 C137,138 C139,140 C151			CF92FV1H101K CF92FV1H391K CF92FV1H101K C91-0175-05 CF92FV1H104J	MF MF MF POLYSTY MF	100PF 390PF 100PF 56PF 0.10UF	K K K K		
C152 C153,154 C155 C156 C157		* *	CE04KW1E101M CF92FV1H474J C90-1814-05 C90-1792-05 C90-1814-05	ELECTRO MF ELECTRO ELECTRO ELECTRO	100UF 0.47UF 22UF 100UF 22UF	25WV J 25WV 6.3WV 25WV		
C158,159			C90-1807-05	ELECTRO	100UF	25WV		
	1			1			1	1

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17

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C160 C162 C166 C167 C169	-165 ,168
C170 C172 C173 C174 C176	,171 ,175 -179
C180 C195	-193 ,196
E1 E2 E4 E6 E8	,3 ,5 ,7
L1 L19	-18 -30
L M	
CP1 CP2 R1 R3 R5	, 2
R7 R9 R11 R13 R15	,8 ,10 ,12 ,14 -22
R23 R27 R31 R35 R39	
R43 R47 R51 R55 R59	-30 -34 -38 -42 -46 -50 -54 -56 -70 -74 -78 -92
R67 R71 R75 R81 R93	-70 -74 -78 -92 -96
R97 R101 R105 R113 R117	-100 -104 -108 -116 ,118
R119 R121	
E:	Scandin

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		1B,2B		N89-3014-45 N90-4008-46	BINDING HEAD TP HEAD MACH			1	
		28	ш	PREAMPLIFIER					_
21 ,2	2			CF92FV1H101K	MF	100PF	K		
03 -6 07 ,8 09 ,1	B 10			CF92FV1H122J CF92FV1H222J C91-0175-05 CF92FV1H332J	MF MF POLYSTY MF	1200PF 2200PF 56PF 3300PF	J K J		
15 -: 19 .: 21 -: 25 -: 29 ,:	20 24 28		*	C90-1814-05 CE04KW0J332M CQ93HP2A393G CQ93HP2A113G C90-1792-05	ELECTRO ELECTRO MYLAR MYLAR ELECTRO	22UF 3300UF 0.039UF 0.011UF 100UF	25WV 6.3WV G G 6.3WV		
31 -1 35 -1 39 -4 39 -4	38 42 58		*	C90-1814-05 C90-1803-05 CF92FV1H392J CF92FV1H151K CF92FV1H105J	ELECTRO ELECTRO MF MF MF	22UF 22UF 3900PF 150PF 1.0UF	25WV 35WV J K J		
63 -6 67 - 71 , 73 ,	70 72 74		*	CF92FV1H101K C90-1803-05 CF92FV1H105J CF92FV1H101K C90-1803-05	MF ELECTRO MF MF ELECTRO	100PF 22UF 1.0UF 100PF 22UF	K 35WV J K 35WV		
79 ,6 81 ,6 83 -6 87 ,6	82 86 88		*	CF92FV1H105J CF92FV1H101K C90-1803-05 CF92FV1H105J CF92FV1H101K	MF MF BLECTRO MF MF	1.0UF 100PF 22UF 1.0UF	J K 35₩V J K		
91 - 95 , 97 , 99 -	96 98 102		*	C90-1803-05 CF92FV1H105J CF92FV1H101K C90-1803-05 C90-1794-05	ELECTRO MF MF ELECTRO ELECTRO	22UF 1.0UF 100PF 22UF 10UF	35WV J K 35WV 35WV		
107, 109- 121- 125,	120 124 126	*	* *	C90-1803-05 CF92FV1H221K C90-1794-05 C90-1803-05 CF92FV1H391K	ELECTRO MF ELECTRO ELECTRO MF	22UF 220PF 10UF 22UF 390PF	35WV K 35WV 35WV K		
131- 135, 137, 137,	136 138			CF92FV1H101K CF92FV1H391K CF92FV1H101K C91-0175-05 CF92FV1H104J	MF MF MF POLYSTY MF	100PF 390PF 100PF 56PF 0.10UF	K K K J	. !	
0152 0153, 0155 0156 0157	154	-	* *	CE04KW1B101M CF92FV1H474J C90-1814-05 C90-1792-05 C90-1814-05	ELECTRO MF ELECTRO ELECTRO ELECTRO	100UF 0.47UF 22UF 100UF 22UF	25WV J 25WV 6.3WV 25WV		
158,	159			C90-1807-05	ELECTRO	100UF	25WV		

E: Scandinavia & Europe K: USA P: Canada U: PX(Far East, Hawaii) T: England M: Other Areas

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Ref. No.	Address	New	Parts No.	Description	Desti- Re
参照番号	位 置	新	部品番号	部品名/規格	仕 向備
C160 C162-165 C166 C167,168 C169		*	CE04KW1E101M C90-1814-05 C90-1792-05 C90-1807-05 CE04KW1E100M	ELECTRO 100UF 25WV ELECTRO 22UF 25WV ELECTRO 100UF 6.3WV ELECTRO 100UF 25WV ELECTRO 10UF 25WV	
C170,171 C172 C173 C174,175 C176-179			CF92FV1H474J CE04KW1C101M CF92FV1H474J C90-1807-05 CF92FV1H474J	MF 0.47UF J ELECTRO 100UF 16WV MF 0.47UF J ELECTRO 100UF 25WV MF 0.47UF J	
C180-193 C195,196			CE04KW1E101M CF92FV1H474J	ELECTRO 100UF 25WV MF 0.47UF J	
E1 E2 ,3 E4 ,5 E6 ,7		* * *	E13-0253-05 E06-0305-05 E13-0636-05 E06-0306-05 E13-0253-05	PHONO JACK (2P) CYLINDRICAL RECEPTACLE (3P) PHONO JACK (6P) CYLINDRICAL RECEPTACLE (3P) PHONO JACK (2P)	
L1 -18 L19 -30			L40-1011-47 L40-1021-14	SMALL FIXED INDUCTOR(100UH,K) SMALL FIXED INDUCTOR(1.0MH,K)	
L M	1B,1C 1B,1C		N35-3008-45 N89-2606-45	BINDING HEAD MACHINE SCREW BINDING HEAD TAPTITE SCREW	
CP1 CP2 R1 ,2 R3 ,4 R5 ,6		*	R90-0438-05 R90-0290-05 RN14BK2E1211FTS RN14BK2E10R0FTS RN14BK2E1000FTS	MULTI-COMP 47KX7 J 1/6W MULTI-COMP 10KX3 J 1/6W RN 1.21K F 1/4W RN 10.0 F 1/4W RN 100.0 F 1/4W	
R7 ,8 R9 ,10 R11 ,12 R13 ,14 R15 -22		* * * * *	RN14BK2E4642FTS RN14BK2E4220FTS RN14BK2E1300FTS RN14BK2E11R0FTS RN14BK2E1781FTS	RN 46.4K F 1/4W RN 422.0 F 1/4W RN 130.0 F 1/4W RN 11.0 F 1/4W RN 1.78K F 1/4W	
R23 -26 R27 -30 R31 -34 R35 -38 R39 -42		* * *	RN14BK2E1782FTS RN14BK2E82R5FTS RN14BK2E1001FTS RN14BK2E8252FTS RN14BK2E8811FTS	RN 17.8K F 1/4W RN 82.5 F 1/4W RN 1.00K F 1/4W RN 82.5K F 1/4W RN 6.81K F 1/4W	
R43 -46 R47 -50 R51 -54 R55 -58 R59 -66		*	RN14BK2E21R5FTS RN14BK2E8250FTS RN14BK2E10R0FTS RN14BK2E1000FTS RN14BK2E1000FTS RD14AB2E560JTS	RN 21.5 F 1/4W RN 825.0 F 1/4W RN 10.0 F 1/4W RN 100.0 F 1/4W FL-PROOF RD 56 J 1/4W	
R67 -70 R71 -74 R75 -78 R81 -92 R93 -96		* * * *	RN14BK2E4642FTS RN14BK2E2150FTS RN14BK2E1471FTS RN14BK2E1471FTS RN14BK2E1003FTS	RN 46.4K F 1/4W RN 215.0 F 1/4W RN 1.47K F 1/4W RN 1.47K F 1/4W RN 100K F 1/4W	
R97 -100 R101-104 R105-108 R113-116 R117,118		* * *	RN14BK2E5112FTS RN14BK2E8203FTS RN14BK2E1001FTS RN14BK2E4642FTS RN14BK2E5112FTS	RN 51.1K F 1/4W RN 820K F 1/4W RN 1.00K F 1/4W RN 46.4K F 1/4W RN 51.1K F 1/4W	
R119,120 R121,122		*	RN14BK2E8203FTS RN14BK2E1001FTS	RN 820K F 1/4W RN 1.00K F 1/4W	

E: Scandinavia & Europe K: USA P: Canada U: PX(Far East, Hawaii) T: England M: Other Areas UE : AAFES(Europe) X: Australia

♠ indicates safety critical components.

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Ref. No.	Address	New Parts	Parts No.	Description		Desti- nation	Re-
参照者号	位 置	新	部品署号	部品名/規	格		備考
R123-126 R131-134 R135,136 R137,138 R139,140		* * *	RN14BK2E2371FTS RN14BK2E46442FTS RN14BK2E5112FTS RN14BK2E8203FTS RN14BK2E1001FTS	RN 2.37K RN 46.4K RN 51.1K RN 920K RN 1.00K	F 1/4W F 1/4W F 1/4W F 1/4W		
R141-144 R149-152 R153,154 R155,156 R157,158		* * *	RN14BK2E2371FTS RN14BK2E4642FTS RN14BK2E5112FTS RN14BK2E8203FTS RN14BK2E1001FTS	RN 2.37K RN 46.4K RN 51.1K RN 820K RN 1.00K	F 1/4W F 1/4W F 1/4W F 1/4W F 1/4W		
R159-162 R167-170 R171,172 R173,174 R175,176		* *	RN14BK2E2371FTS RN14BK2E4642FTS RN14BK2E5112FTS RN14BK2E8203FTS RN14BK2E1001FTS	RN 2.37K RN 46.4K RN 51.1K RN 820K RN 1.00K	F 1/4W F 1/4W F 1/4W F 1/4W F 1/4W		
R177-180 R185-188 R191-194 R195-198 R199,200		* * *	RN14BK2E2371FTS RN14BK2E4642FTS RN14BK2E1962FTS RN14BK2E1002FTS RN14BK2E1000FTS	RN 2.37K RN 46.4K RN 19.6K RN 10.0K RN 100.0	F 1/4W F 1/4W F 1/4W F 1/4W F 1/4W		
R201,202 R203-206 R213-216 R217-220 R221,222		* * *	RN14BK2E4642FTS RN14BK2E1002FTS RN14BK2E4641FTS RN14BK2E2371FTS RN14BK2E1002FTS	RN 46.4K RN 10.0K RN 4.64K RN 2.37K RN 10.0K	F 1/4W F 1/4W F 1/4W F 1/4W F 1/4W		
R223,224 R225-230 R251,252 R253 R254		*	RN14BK2E4642FTS RN14BK2E1000FTS R014AB2E152JTS RN14BK2E1002FTS RN14BK2E4641FTS	RN 46.4K RN 100.0 FL-PROOF RD 1.5K RN 10.0K RN 4.64K	F 1/4W F 1/4W J 1/4W F 1/4W F 1/4W		
R255 R256 R257 R258,259 R260,261		*	RN14BK2E3831FTS RN14BK2E1212FTS RD14AB2E330JTS RD14AB2E102JTS RN14BK2E4641FTS	RN 3.83K RN 12.1K FL-PROOF RD 33 FL-PROOF RD 1.0K RN 4.64K	F 1/4W F 1/4W J 1/4W J 1/4W F 1/4W	,	
R262 R263 R264 R265-269 R270-277		*	RN14BK2E3831FTS RN14BK2E1212FTS RN14BK2E1002FTS RN14BK2E4641FTS RN14BK2E464FTS	RN 3.83K RN 12.1K RN 10.0K RN 4.64K RN 46.4	F 1/4W F 1/4W F 1/4W F 1/4W F 1/4W		
K1 ,2 K5 -19			S51-2089-05 S51-2089-05	MAGNETIC RELAY MAGNETIC RELAY			
D1 -6 D1 -6 D7 ,8 D7 ,8			HZS5.1S(B2) RD5.1JS(B2) HSS104 1SS133 E-272	ZENER DIODE ZENER DIODE DIODE DIODE CONSTANT CURRENT DIOT	DE		
D17 -20 D21 -28 D21 -28 D29 ,30 D43			MA27W(A) HSS104 1SS133 E-272 HZS11N(B2)	VARISTOR DIODE DIODE CONSTANT CURRENT DIOI ZENER DIODE	ĎВ		
D43 D45 ,46			RD11ES(B2) E-301	ZENER DIGDE CONSTANT CURRENT DIGI	DE .		

E: Scandinavia & Europe K: USA P: Canad

U: PX(Far East, Hawaii) T: England M: Other Areas

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Ref. No.	Address Ne		Description	Desti- Re-
参照番号	位置等		部品名/規格	nation mark 仕 向 備考
D47 -53 D47 -53 D62 -65 D62 -65 D66		HZS11N(B2) RD11ES(B2) HSS104 1SS133 HZS15S(B)	ZENER DIØDE ZENER DIØDE DIØDE DIØDE ZENER DIØDE	
D66 D67 D68 D68 D69		RD15JS(B) E-272 HZS5.1S(B2) RD5.1JS(B2) HZS15S(B)	ZENER DIODE CONSTANT CURRENT DIODE ZENER DIODE ZENER DIODE ZENER DIODE	
D69 D70 ,71 D70 ,71 D72 D72	-	RD15JS(B) HSS104 1SS133 HZS15S(B) RD15JS(B)	ZENER DIODE DIODE DIODE ZENER DIODE ZENER DIODE	
D73 D73 D74 D75 D75		HZS5.1S(B2) RD5.1JS(B2) E-272 HZS15S(B) RD15JS(B)	ZENER DIØDE ZENER DIØDE CONSTANT CURRENT DIØDE ZENER DIØDE ZENER DIØDE	
D76 ,77 D78 ,79 D78 ,79 IC1 ,2 IC3 -12		E-301 HSS104 1SS133 NJM5532D-D NJM4580D-D	CONSTANT CURRENT DIODE DIODE DIODE IC (OP AMP X2) IC	
IC21 IC22-25 IC26 IC27,28 IC29	*	NJM4560D-A	IC IC(CMOS LOGIC BILATERAL SW) IC IC (OP AMP X2)	
IC30 Q1 -8 Q1 -8 Q9 -20 Q9 -20	*	M5F7812L 25K371(BL) 25K371(V) 25C1740S(Q,R) 25C945(A)(Q,P)	IC FET FET TRANSISTOR TRANSISTOR	
Q21 -24 Q25 -28 Q41 Q42 Q43		2SC1845(F,E) 2SA992(F,E) 2SB772(Q,P) 2SD882(Q,P) 2SA733(A)(Q,P)	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	
Q43 Q44 Q44 Q45 Q46	*		TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	
947 -52 953 -56 953 -56 957 957		DTA124ES 2SC1740S(Q,R) 2SC945(A)(Q,P) 2SA733(A)(Q,P) 2SA933S(Q,R)	DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	
Q58 Q58 Q59 Q59 Q60		2SC1740S(Q,R) 2SC945(A)(Q,P) 2SA733(A)(Q,P) 2SA933S(Q,R) 2SC1740S(Q,R)	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	

 E: Scandinavia & Europe
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♠ indicates safety critical components.

PARTS LIST

* New Parts PARIS LI

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Ref. No.	Address	New Parts	Parts No.	De	scription		Desti- nation	Re-
参照番号	位 置	新	部品番号	部品	名/規	格		備考
960 961 961	-		2SC945(A)(Q,P) 2SA733(A)(Q,P) 2SA933S(Q,R)	TRANSISTOR TRANSISTOR TRANSISTOR				
	TON	IE I	JNIT (X11-2802-7	0: E, 00-11: K	, P, -00-5	1:X, T)		
D42 -66		*	B30-1283-05	LED				
C1 -4 C5 -8 C9 -12 C13 -16 C17 ,18		*	CF92FV1H105J C91-0174-05 C90-1803-05 C91-0166-05 C90-1793-05	MF POLYSTY ELECTRO POLYSTY ELECTRO	1.0UF 47PF 22UF 10PF 220UF	J K 35WV D 25WV		
C19 -22 C23 ,24 C31 ,32 C33 ,34 C35 -38		* *	C90-1794-05 C91-0167-05 C90-1794-05 CF92FV1H334J C90-1794-05	ELECTRO POLYSTY ELECTRO MF ELECTRO	10UF 12PF 10UF 0.33UF	35WV K 35WV J 35WV		
C39 ,40 C41 ,42 C43 ,44 C45 ,46 C47 ,48		*	C90-1803-05 C91-0166-05 CF92FV1H334J CF92FV1H123J C91-0174-05	ELECTRO POLYSTY MF MF POLYSTY	22UF 10PF 0.33UF 0.012UF 47PF	35WV D J J K	ē.	
C49 ,50 C51 -54 C55 ,56 C57 ,58 C59 ,60		* *	CE04KW1E101M C90-1803-05 C90-1794-05 C91-0166-05 C90-1814-05	BLECTRO BLECTRO BLECTRO POLYSTY BLECTRO	100UF 22UF 10UF 10PF 22UF	25WV 35WV 35WV D 25WV		
C61 ,62 C63 ,64 C65 ,66 C67 ,68 C81		*	C90-1794-05 CF92FV1H391K CF92FV1H101K CF92FV1H102J CF92FV1H103J	ELECTRO MF MF MF MF	10UF 390PF 100PF 1000PF 0.010UF	35WV K K J J		
C82 C83 ,84 C85 -88 C89 ,90 C91		*	CE04KW1E470M CF92FV1H474J C90-1814-05 C90-1807-05 C90-1792-05	ELECTRO MF ELECTRO BLECTRO BLECTRO	47UF 0.47UF 22UF 100UF 100UF	25WV J 25WV 25WV 6.3WV		
C92 C93 ,94 C101,102 C103 C110			CF92FV1H474J C90-1807-05 C91-0971-05 C91-0609-05 CF92FV1H474J	MF BLECTRO FILM MF MF	0.47UF 100UF 0.01UF 0.47UF 0.47UF	J 25WV 250WV J		
C112 C113 C114 C115,116 C117			CE04KW1A470M CF92FV1H474J CE04KW1H2R2M CE04KW1E332M CE04KW1A101M	ELECTRO MF ELECTRO ELECTRO ELECTRO	47UF 0.47UF 2.2UF 3300UF 100UF	10WV J 50WV 25WV 10WV		
C118,119 C120,121 C122,123 C124 C125		* * *	C90-1784-05 C90-1814-05 C90-1802-05 C90-1792-05 CE04KW1A221M	ELECTRO ELECTRO ELECTRO ELECTRO ELECTRO	3300UF 22UF 330UF 100UF 220UF	42WV 25WV 35WV 6.3WV		
C126-129 C130,131 C132,133 C134			C91-0676-05 CC45FSL1H221J C91-0664-05 C91-0692-05	CERAMIC CERAMIC CERAMIC CERAMIC	0.01UF 220PF 0.0033UF 0.047UF	K J K K		

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Ref. No.	Address	New	Parts No.	Desc	ription		Re- mark
参照番号	位置	\$	部品番号	部品名	5/規	格	備考
Q60 Q61 Q61			2SC945(A)(Q,P) 2SA733(A)(Q,P) 2SA933S(Q,R)	TRANSISTOR TRANSISTOR TRANSISTOR			
	TON	IE I	JNIT (X11-2802-7	0: E, 00-11: K, P	, -00-5	1:X, T)	
D42 -66	-	*	B30-1283-05	LED			
C1 -4 C5 -8 C9 -12 C13 -16 C17 ,18		*	CF92FV1H105J C91-0174-05 C90-1803-05 C91-0166-05 C90-1793-05	POLYSTY 4 ELECTRO 2 POLYSTY 1	. OUF 7PF 2UF 0PF 20UF	J K 35WV D 25WV	
C19 -22 C23 ,24 C31 ,32 C33 ,34 C35 -38		* *	C90-1794-05 C91-0167-05 C90-1794-05 CF92FV1H334J C90-1794-05	POLYSTY 1: ELECTRO 1: MF 0	0UF 2PF 0UF .33UF	35WV K 35WV J 35WV	
C39 ,40 C41 ,42 C43 ,44 C45 ,46 C47 ,48		*	C90-1803-05 C91-0166-05 CF92FV1H334J CF92FV1H123J C91-0174-05	POLYSTY 1 MF 0 MF 0	2UF 0PF .33UF .012UF 7PF	35WV D J J K	
C49 ,50 C51 -54 C55 ,56 C57 ,58 C59 ,60		* *	CE04KW1E101M C90-1803-05 C90-1794-05 C91-0166-05 C90-1814-05	ELECTRO 2: ELECTRO 1: POLYSTY 1:	00UF 2UF 0UF 0PF 2UF	25WV 35WV 35WV D 25WV	
C61 ,62 C63 ,64 C65 ,66 C67 ,68		*	C90-1794-05 CF92FV1H391K CF92FV1H101K CF92FV1H102J CF92FV1H103J	MF 31 MF 11	OUF 90PF 00PF 000PF .010UF	35WV K K J J	
C82 C83 ,84 C85 -88 C89 ,90		*	CE04KW1E470M CF92FV1H474J C90-1814-05 C90-1807-05 C90-1792-05	MF 0 ELECTRO 2: ELECTRO 1:	7UF .47UF 2UF 00UF 00UF	25WV J 25WV 25WV 6.3WV	
C92 C93 ,94 C101,102 C103 C110			CF92FV1H474J C90-1807-05 C91-0971-05 C91-0609-05 CF92FV1H474J	ELECTRO 10 FILM 0 MF 0	.47UF 00UF .01UF .47UF .47UF	J 25WV 250WV J J	
C112 C113 C114 C115,116 C117			CE04KW1A470M CF92FV1H474J CE04KW1H2R2M CE04KW1E332M CE04KW1A101M	MF 0. ELECTRO 2. ELECTRO 3:	7UF .47UF .2UF 300UF 00UF	10WV J 50WV 25WV 10WV	
C118,119 C120,121 C122,123 C124 C125		* * *	C90-1784-05 C90-1814-05 C90-1802-05 C90-1792-05 CE04KW1A221M	ELECTRO 2: ELECTRO 3: ELECTRO 10	300UF 2UF 30UF 00UF 20UF	42WV 25WV 35WV 6.3WV	
C126-129 C130,131 C132,133 C134			C91-0676-05 CC45FSL1H221J C91-0664-05 C91-0692-05	CERAMIC 2: CERAMIC 0.	.01UF 20PF .0033UF .047UF	K J K	

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l	Ref. No. 参照番号	Addr	ess	New Parts	Parts No. 部品番号	Descripti 部品名/		nation	Re- mar 備字
ŀ	C135,136 C137,138			*	C90-1793-05 CE04KW1E101M C91-0676-05	BLECTRO 220UF BLECTRO 100UF CERAMIC 0.01U	25WV 25WV		
	C139,140 CN6 ,7 E1				E10-1907-05 E11-0162-05	FLAT CABLE CONNECT PHONE JACK (3F	OR (19P)		
2	F1 F1				F05-1612-05 F05-4014-05		OV T160MA) OV 0.4A)	EXT	
	62 62	1B, 1B,			J13-0041-05 J13-0054-05	FUSE CLIP FUSE CLIP		KP EXT	
777	L1 T1 T1 T1 X1				L40-1021-14 L01-7651-05 L01-7652-05 L01-7657-05 L78-0239-05	SMALL FIXED INDUCT POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER RESONATOR	OR(1.0MH,K)	KP E XT	
	L N	1B,	1C		N35-3008-45 N89-3008-45	BINDING HEAD MACHI BINDING HEAD TAPTI			
	CP1 ,2 R1 -4 R5 -8 R13 -16 R17 -20			*	R90-0438-05 RN14BK2E8203FTS RN14BK2E1001FTS RN14BK2E4642FTS RN14BK2E3161FTS	MULTI-COMP 47KX7 RN 82OK RN 1.00k RN 46.4k RN 3.16k	F 1/4W F 1/4W F 1/4W		
	R21 ,22 R23 -26 R29 -32 R33 ,34 R41 ,42			* * *	RN14BK2E1101FTS RN14BK2E1962FTS RN14BK2E1002FTS RN14BK2E1000FTS RN14BK2E5621FTS	RN 1.10M RN 19.6M RN 10.0M RN 100.0 RN 5.62M	F 1/4W F 1/4W F 1/4W		
	R43 -50 R51 ,52 R53 -56 R57 -60 R61 ,62			* * * *	RN14BK2E1101FTS RN14BK2E2613FTS RN14BK2E5621FTS RN14BK2E2613FTS RN14BK2E2613FTS	RN 1.10M RN 261K RN 5.62M RN 261K RN 5.62M	F 1/4W F 1/4W F 1/4W		
	R63 ,64 R67 ,68 R69 ,70 R75 -78 R79 -82			* * * *	RN14BK2E1000FTS RN14BK2E1001FTS RN14BK2E4642FTS RN14BK2E2371FTS RN14BK2E4642FTS	RN 100.0 RN 1.00k RN 46.4k RN 2.37k RN 46.4k	F 1/4W F 1/4W F 1/4W		
	R83 ,84 R85 ,86 R87 ,88 R89 -92 R93 -96			* *	RN14BK2E1001FTS RN14BK2E1003FTS RN14BK2E2611FTS RN14BK2E1000FTS RD14AB2E560JTS	RN 1.00K RN 100K RN 2.61K RN 100.0 FL-PROOF RD 56	F 1/4W F 1/4W		
	R97 -100 R101,102 R105,106 R121 R122	-		* *	RS14DB3A101JTE RN14BK2E1782FTS RN14BK2E1003FTS RN14BK2E10R0FTS RN14BK2E3162FTS	FL-PROOF RS 100 RN 17.8K RN 100K RN 10.0 RN 31.6K	F 1/4W F 1/4W		
	R123,124 R125,126 R127 R128 R129			* * *	RN14BK2E2372FTS RN14BK2E4641FTS RN14BK2E1002FTS RN14BK2E4641FTS RN14BK2E4641FTS	RN 23.7K RN 4.64K RN 10.0K RN 4.64K RN 12.1K	F 1/4W F 1/4W F 1/4W		
1	R130				RN14BK2E3831FTS	RN 3.83K	F 1/4W		

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参照番号	位 置	Parts Mi	部品番号	部品名/規格	nation 仕 向	marks 備考
R131,132 R133 R134 R135 R136		* * *	RN14BK2E4641FTS RN14BK2E1472FTS RN14BK2E5111FTS RN14BK2E1472FTS RN14BK2E3831FTS	RN 4.64K F 1/4W RN 14.7K F 1/4W RN 5.11K F 1/4W RN 14.7K F 1/4W RN 3.83K F 1/4W		
R137 R138 R139 R140 R141		*	RS14DB3A330JTE RN14BK2E2372FTS RN14BK2E1002FTS RN14BK2E1001FTS RN14BK2E46R4FTS	FL-PR00F RS 33 J 1W RN 23.7K F 1/4W RN 10.0K F 1/4W RN 1.00K F 1/4W RN 46.4 F 1/4W		
R191,192 R193 R194 VR1 VR2 ,3		*	RS14DB3A471JTE RS14DB3A821JTE RS14DB3A102JTE R29-9022-05 R10-3042-05	FL-PROOF RS 470 J 1W FL-PROOF RS 820 J 1W FL-PROOF RS 1.0K J 1W POTENTIONETER POTENTIOMETER (10K X2)		
K1 ,2 K11 K12 S1 -4 S5			S51-2089-05 S51-2089-05 S51-1052-05 S40-1064-05 S40-1064-05	MAGNETIC RELAY MAGNETIC RELAY MAGNETIC RELAY PUSH SWITCH PUSH SWITCH		
S6		*	T99-0242-05	SPEED DETECTOR		
D1 ,2 D3 ,4 D5 ,6 D11 ,12 D11 ,12			E-272 MA27W(A) E-272 HZS5.1S(B2) RD5.1JS(B2)	CONSTANT CURRENT DIODE VARISTOR CONSTANT CURRENT DIODE ZENER DIODE ZENER DIODE		
D13 ,14 D13 ,14 D15 D16 D16			HZS15S(B) RD15JS(B) E-272 HZS11N(B2) RD11ES(B2)	ZENER DIODE ZENER DIODE CONSTANT CURRENT DIODE ZENER DIODE ZENER DIODE		
D20 D20 D21 -32 D33 ,34 D33 ,34		-	HSS104 1SS133 S5566B HZS15S(B) RD15JS(B)	DIODE DIODE DIODE ZENER DIODE ZENER DIODE		
D35 D36 D36 D37 -41 D37 -41			E-272 HZS5.1S(B2) RD5.1JS(B2) HSS104 1SS133	CONSTANT CURRENT DIODE ZENER DIODE ZENER DIODE DIODE DIODE	-	
D67 D72 -82 D83 -86 D87 ,88 IC1 ,2			E-272 E-102 E-301 RBV-402LFA NJM5532D-D	CONSTANT CURRENT DIODE CONSTANT CURRENT DIODE CONSTANT CURRENT DIODE DIODE IC(OP AMP X2)	*	
IC3 ,4 IC11-13 IC14 IC15 IC16			NJM4565D-D NJM4565D-D LB1641 NJM4560D-A NJM4560D-N	IC IC IC(MOTOR DRIVER) IC(OP AMP X2) IC		
IC17 IC17 IC18		*	AN7805F UPC7805HF UPD7538AC-077	IC(VOLTAGE REGULATOR/ +5V) IC(VOLTAGE REGULATOR/ +5V) IC(MICROPROCESSOR)		

E: Scandinavia & Europe K: USA P: Canada U: PX(Far East, Hawaii) T: England M: Other Areas

UE : AAFES(Europe) X: Australia

PARTS LIST

× New Parts

Parts without Parts No. are not supplied.

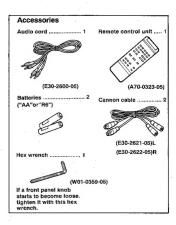
Les articles non mentionnes dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts	Parts No. 部品番号	Description 部 品 名 / 規 格	nation	Re- mark 備考
IC19 IC20 IC21,22 Q1 ,2 Q3 ,4		*	TC74HC237AP M51952ASL TD62501P 2SC3940A(R,S) 2SA1534A(R,S)	IC(3 TO 8 LINE DECODER/LATCH) IC(SYSTEM RESET) IC(7CH TRANSISTOR ARRAY) TRANSISTOR TRANSISTOR		
Q11 Q12 Q13 Q13 Q14		*	2SD1509 2SB1067 2SC1740S(Q,R) 2SC945(A)(Q,P) 2SA733(A)(Q,P)	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		
Q14 Q15 Q16 Q17 Q18 ,19		*	2SA933S(Q,R) 2SD1890 2SB1250 2SC3940A(R,S) DTC124ES	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR		
920 920 921 921			2SC1740S(Q,R) 2SC945(A)(Q,P) 2SA733(A)(Q,P) 2SA933S(Q,R)	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		
A1			W02-0975-05	ELECTRIC CIRCUIT MODULE		

E: Scandinavia & Europe K: USA P: Canada U: PX(Far East, Hawaii) T: England M: Other Areas UE : AAFES(Europe) X: Australia

ACCESSORIES



L-1000C

SPECIFICATIONS

Total Harmonic Distortion	
(20 Hz to 20,000 Hz)	0.003% (20 Hz to 20,000 Hz, 1 V)
Input Sensitivity/Impedance	0.003% (20 Hz to 20,000 Hz, 5 V)
Phono (MM)	2 E m)//47 L O
Phono (MC)	
LINE/AUX/TAPE	200 μν/10031
UNBALANCED	150 mV/47 kO
BALANCED	
Phono Maximum Input Level	
MM	150 m)/ (1 kHz 0 0059/)
MC	
Frequency Response	12 IIIV (1 KH2, 0.005%)
Phono "RIAA"	
MM	20 Hz to 20 kHz ±0.2 dB
MC	
	5 Hz to 100 kHz +0 dB —3 dB
Signal-to-Noise Ratio	5 Hz to 100 kHz +0 dB, -3 dB
LINE/ALIV/TADE	
LINBAL ANCED	100 dB/100 dB (IHF '78) (IHF '66)
RALANCED	
Tone Control	
BASS	± 10 dB at 100 Hz
TREBLE	
Output Level/Impedance	
Tape REC	150 mV/220 O
REC OUT	
UNBALANCED	1 V/100 O
BALANCED	
General	
Power Consumption	30 W
Dimensions	
	H: 97 mm (3-13/16")
	D: 398 mm (15-11/16")

KENWOOD follows a policy of continuous selvancements in development. For this reason specifications may be changed without routice. OOLBY and the double-10 symbol or a reademarks of Dobly Laboratories Licensing Corporation. Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.

Corporations:

KENWOOD poursuát une politiqua de progrés constants en ce qui concerne le développement.

Pour cette raison, les spécifications sont sujettes à modifications sans présers.

La marque DOLBY et le double "Or son des marques deposées de Dolby Laboratories.

Le système de réduction du bruit de fond est fabriqué sous license des Dolby Laboratories.

KENWOOD strebt ständige Verbesserungen in der Entwicklung an. Daher bleiben Änderungen der technisichen Daten jederzeit vorbehalten. DOLBY und Dopper-D-Symbol dad eingerzegene Warrenreichen der Dolby Lieboratories. Dolby-Rauschunterdrückung mit Lisenz der Dolby Leboratories gefertigt.

Alota

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on the Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

KENWOOD CORPORATION

9.0 kg (19.8 lb)

Stoory Bibling PLRS, CHURL SREQUE, Shouth Mr. Baye 151, Japan KENWOOD USA. CORPORATION SIDE AND SIDE A

20/25, MILAND VIA ARBIE, 50, TRAY
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